IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Scaler
Manufacturer: Atlona
Firmware Version: N/A
Model(s): AT-LINE-PRO5-GEN2

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
4	9/21/2012	1.5.1	3.3.2	Fixed query section to enable the MLC226 port
3	8/23/2012	1.5.1	3.3.2	Added Volume (Discrete) command.
2	8/13/2012	1.5.1	3.3.2	Fixed Power Control Commands.
1	5/7/2012	1.5.1	3.3.1	Initial version.

Driver Notes:

The driver include optimization to the features listed below:

- Volume

Control Commands & States:

Aspect Ratio	Toggle		
Audio Mute	On	Off	
Brightness	0 to 100 in steps of 1		
Contrast	0 to 100 in steps of 1		
Horizontal Position	0 to 100 in steps of 1		
Input	Composite 1	Composite 2	Component 1
	Component 2	PC1	PC2
	DVI	HDMI1	HDMI2
	HDMI3	HDMI4	
Output Resolution	Native	VGA	SVGA
	XGA	SXGA	UXGA
	480i	480p	720p
	1080i	1080p	576i
	576p	720p / 50Hz	1080i / 50Hz
	1080p / 50Hz	WXGA	WSXGA
	WUXGA	1080p - 30	WXGA+
	SXGA+		
Picture Mode	Toggle		
Power Control	On	Off	
Sharpness	0 to 100 in steps of 1		
Vertical Position	0 to 100 in steps of 1		
Volume (Discrete)	0 to 41 in steps of 1		

Status Available:

Audio Mute	On	Off	
Brightness	0 to 100 in steps of 1		
Connection Status	Connected	Disconnected	
Contrast	0 to 100 in steps of 1		
Horizontal Position	0 to 100 in steps of 1		
Input	Composite 1	Composite 2	Component 1
	Component 2	PC1	PC2
	DVI	HDMI1	HDMI2
	HDMI3	HDMI4	
Output Resolution	Native	VGA	SVGA
	XGA	SXGA	UXGA
	480i	480p	720p
	1080i	1080p	576i
	576p	720p / 50Hz	1080i / 50Hz
	1080p / 50Hz	WXGA	WSXGA
	WUXGA	1080p - 30	WXGA+
	SXGA+		
Power Control	On	Off	
Sharpness	0 to 100 in steps of 1		
Vertical Position	0 to 100 in steps of 1		

MLC60 Series Supported Commands:

Aspect Ratio	Toggle		
Audio Mute	On	Off	
Input	Composite 1	Composite 2	Component 1
	Component 2	PC1	PC2
	DVI	HDMI1	HDMI2
	HDMI3	HDMI4	
Output Resolution	Native	VGA	SVGA
	XGA	SXGA	UXGA
	480i	480p	720p
	1080i	1080p	576i
	576p	720p / 50Hz	1080i / 50Hz
	1080p / 50Hz	WXGA	WSXGA
	WUXGA	1080p - 30	WXGA+
	SXGA+		
Picture Mode	Toggle		
Power Control	On	Off	
Volume (Discrete)	0 to 41 in steps of 1		

Cable and Adapter Requirements:

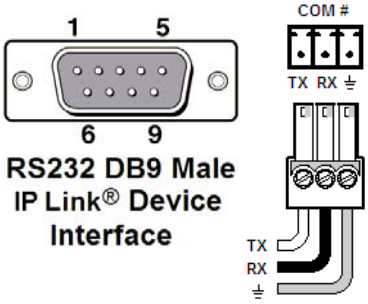
F/M RS232 Straight Serial Cable

Notes for the Device:

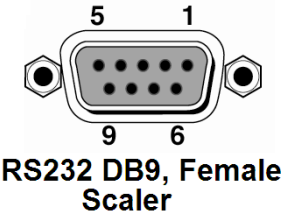
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	19200	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: